

Appl. No. 09/351,086  
Appeal Brief in Response  
to final Office action of 24 August 2005

RECEIVED  
CENTRAL FAX CENTER

Page 1 of 22

JAN 20 2006

**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

Appl. No. : 09/351,086  
Applicant(s) : Nevenka Dimotrova  
Filed : 09 Jul 1999  
TC/A.U. : 2611  
Examiner : Bui, Kieu Oanh T  
Atty. Docket : PHA 23,716

**CERTIFICATE OF MAILING OR  
TRANSMISSION**

I certify that this correspondence is being:  
[ ] deposited with the U.S. Postal Service with  
sufficient postage as first-class mail in an  
envelope addressed to the Commissioner for  
Patents, P.O. Box 1450, Alexandria, VA  
22313-1450.  
[X] transmitted by facsimile to the U.S. Patent  
and Trademark Office at 571-273-8300.

On: 20 January 2006

By: 

**Title: METHOD AND APPARATUS FOR LINKING A VIDEO SEGMENT TO  
ANOTHER SEGMENT OR INFORMATION SOURCE**

Mail Stop: APPEAL BRIEF - PATENTS  
Commissioner for Patents  
Alexandria, VA 22313-1450

**APPEAL UNDER 37 CFR 41.37**

Sir:

This is an appeal from the decision of the Examiner dated 24 August 2005,  
finally rejecting claims 1-25 of the subject application.

This paper includes (each beginning on a separate sheet):

1. Appeal Brief, with appendices; and
2. Credit card authorization in the amount of \$160, an appeal having  
been previously filed on 10 November 2004 in this case, and a fee of  
\$340 having been paid.

Adjustment date: 01/23/2006 TL0111  
11/12/2004 MAHME1 00000024 09351086  
01 FC:1402 -340.00 OP

01/23/2006 TL0111 00000003 09351086

01 FC:1402

500.00 OP

PHA23,716 Appeal Brief 5.824

Atty. Docket No. PHA 23,716

Appl. No. 09/351,086  
Appeal Brief in Response  
to final Office action of 24 August 2005

Page 2 of 22

## **APPEAL BRIEF**

### **I. REAL PARTY IN INTEREST**

The above-identified application is assigned, in its entirety, to **Phillips Electronics North America**

### **II. RELATED APPEALS AND INTERFERENCES**

Appellant is not aware of any co-pending appeal or interference that will directly affect, or be directly affected by, or have any bearing on, the Board's decision in the pending appeal.

### **III. STATUS OF CLAIMS**

Claims 1-25 are pending in the application.

Claims 1-10 and 18-25 stand rejected by the Examiner under 35 U.S.C. 102(e).

Claims 11-17 stand rejected by the Examiner under 35 U.S.C. 103(a).

These rejected claims are the subject of this appeal.

### **IV. STATUS OF AMENDMENTS**

No amendments were filed subsequent to the final rejection in the Office Action dated 24 October 2005. A reply to the final rejection was filed on 4 October 2005.

### **V. SUMMARY OF CLAIMED SUBJECT MATTER**

The invention comprises a method and system for determining and accessing ancillary information regarding a feature in a video segment being displayed to a user (FIG. 1, page 5, lines 3-18). Of particular note, this on-line determination of an association allows a user to access information regarding a feature in the video, regardless of whether the original input video 12 includes links (hyperlinks) to this other information.

**Appl. No. 09/351,086  
Appeal Brief In Response  
to final Office action of 24 August 2005**

**Page 3 of 22**

The determined association may be based on a semantic relationship, visual similarity, scene similarity, event similarity, and so on (page 6, line 18 – page 7, line 9; page 8, line 3 – page 9, line 21). When the user selects the object within the image, the associated source is accessed, and the associated information is displayed or stored for later viewing (page 7, lines 10-13; FIG. 6, page 14, lines 12-18). Alternatively, the determined information from the other source may be displayed automatically, using, for example, a picture-in-picture (PIP) presentation of available material (page 15, lines 4-10).

As claimed in independent claim 1, upon which claims 2-17 depend, the invention comprises a method for processing video, the method comprising:

determining an association between a first video segment including a particular feature and at least one additional information source also including that feature (page 2, lines 18-20; see also FIGs. 4-5); and

utilizing the association to display information from the additional information source (page 2, line 21 – page 3, line 2) based at least in part on a selection by a user of the feature in the first video segment while the video segment is displayed to the user (page 3, lines 10-14; FIG. 6, page 14, line 12 – page 17, line 5).

As claimed in claim 7, upon which claim 8 depends, the feature is a video feature extracted from at least one frame of the video segment (page 12, line 16 – page 13, line 10).

As claimed in dependent claim 9, upon which claims 10-13 depend, the feature is an audio feature extracted from at least one frame of the video segment (page 13, lines 17-18).

As claimed in dependent claim 10, the method includes combining an audio signal corresponding to the audio feature with an audio signal associated with the first video segment (page 15, lines 16-18).

**Appl. No. 09/351,086  
Appeal Brief in Response  
to final Office action of 24 August 2005**

**Page 4 of 22**

As claimed in dependent claim 11, the method includes converting an audio signal corresponding to the audio feature into a textual format which is displayed with the first video segment (page 15, lines 16-18).

As claimed in dependent claim 12, the method includes separating at least a portion of the video segment into audio categories including one or more of single-voice speech, multiple-voice speech, music, silence and noise in order to extract the audio feature therefrom (page 13, lines 17-20).

As claimed in dependent claim 13, the audio feature comprises at least one of a music signature extraction, a speaker identification, and a transcript extraction (page 14, lines 3-4).

As claimed in dependent claim 14, upon which claim 15 depends, the feature is a textual feature extracted from at least one frame of the video segment (page 10, lines 17-19).

As claimed in dependent claim 15, the method includes displaying information corresponding to the textual information as an overlay on a display of the first video segment (page 15, lines 12-14).

As claimed in claim 16, the method includes determining the association based at least in part on at least one multi-dimensional feature vector extracted from a portion of the video segment using a feature extraction technique (page 10, lines 1-2).

As claimed in claim 17, the method includes determining the association based at least in part on at least one of a similarity measure and a clustering technique (page 10, lines 2-5).

**Appl. No. 09/351,086  
Appeal Brief in Response  
to final Office action of 24 August 2005**

**Page 5 of 22**

As claimed in independent claim 18, the invention comprises an apparatus (FIG. 1) for processing video, the apparatus comprising:

a memory (16) for storing an association between a first video segment including a particular feature and at least one additional information source also including that feature (page 7, lines 4-9; page 10, lines 14-16; page 16, lines 12-19); and

a processor (15) coupled to the memory (16) and operative to utilize the association to direct the display of information from the additional information source based at least in part on a selection by a user of the feature in the first video segment while the video segment is displayed to the user (page 6, lines 3-12; page 12, lines 7-15; FIG. 6, page 14, lines 12-18).

As claimed in independent claim 19, the invention comprises an apparatus (FIG. 1) for processing video, the apparatus comprising:

a processor (15) operative

(i) to determine an association between a first video segment including a particular feature and at least one additional information source also including that feature (page 7, lines 4-9; page 16, lines 12-19; see also FIGs 4-5); and

(ii) to utilize the association to display information from the additional information source based at least in part on a selection by a user of the feature in the first video segment while the video segment is displayed to the user (page 6, lines 3-12; page 12, lines 7-15; FIG. 6, page 14, lines 12-18).

**Appl. No. 09/351,086  
Appeal Brief in Response  
to final Office action of 24 August 2005**

**Page 6 of 22**

As claimed in independent claim 20, the invention comprises an article of manufacture comprising a machine-readable medium (page 19, lines 5-12) containing one or more software programs which when executed:

determine an association between a first video segment including a particular feature and at least one additional information source also including that feature (page 7, lines 4-9; page 16, lines 12-19; see also FIGs 4-6); and

utilize the association to display information from the additional information source based at least in part on a selection by a user of the feature in the first video segment while the video segment is displayed to the user (page 6, lines 3-12; page 12, lines 7-15; FIG. 6, page 14, lines 12-18).

As claimed in independent claim 21, the invention comprises a method for processing video, the method comprising:

determining from information in a portion of a first video segment an association between a particular feature of the first video segment and at least one additional information source also including that feature (page 2, lines 18-20; page 7, lines 4-9; page 10, lines 14-16; page 16, lines 12-19); and

utilizing the association to enable display of information from the additional information source when the first video segment is displayed (page 6, lines 3-12; page 12, lines 7-15; FIG. 6, page 15, lines 11-21).

As claimed in independent claim 22, the invention comprises an apparatus (FIG. 1) for processing video, the apparatus comprising:

a processor (15) operative

(i) to determine from information in a portion of a first video segment an association between a particular feature of the first video segment and at least one additional information source also including that feature (page 2, lines 18-20; page 7, lines 4-9; page 10, lines 14-16; page 16, lines 12-19); and

**Appl. No. 09/351,086  
Appeal Brief in Response  
to final Office action of 24 August 2005**

**Page 7 of 22**

(ii) to utilize the association to enable display of information from the additional information source when the first video segment is displayed (page 6, lines 3-12; page 12, lines 7-15; FIG. 6, page 15, lines 11-21).

As claimed in independent claim 23, the invention comprises an article of manufacture comprising a machine-readable medium (page 19, lines 5-12) containing one or more software programs which when executed:

determine from information in a portion of a first video segment an association between a particular feature of the first video segment and at least one additional information source also including that feature (page 2, lines 18-20; page 7, lines 4-9; page 10, lines 14-16; page 16, lines 12-19); and

utilize the association to enable display of information from the additional information source when the video segment is displayed (page 6, lines 3-12; page 12, lines 7-15; FIG. 6, page 15, lines 11-21).

As claimed in independent claim 24, the invention comprises a method for processing video, the method comprising:

determining an association between (1) a portion of a video signal, the portion including a feature, and (2) at least one other information source also including the feature (page 7, lines 4-9; page 16, lines 12-19; see also FIGs 4-6); and

utilizing the association to enable display of information from the other information source (page 6, lines 3-12; page 12, lines 7-15) based at least in part on a selection by a user of the feature in the portion of the video signal while the video segment is displayed to the user (page 6, lines 3-12; page 12, lines 7-15; FIG. 6, page 14, lines 12-18).

**Appl. No. 09/351,086**  
**Appeal Brief in Response**  
**to final Office action of 24 August 2005**

**Page 8 of 22**

As claimed in independent claim 25, the invention comprises a method for processing video, the method comprising:

determining from information in a portion of a video signal an association between a feature of the video signal and at least one other information source also including that feature (page 2, lines 18-20; page 7, lines 4-9; page 10, lines 14-16; page 16, lines 12-19); and

utilizing the association to enable display of information from the other information source when the video segment is displayed (page 6, lines 3-12; page 12, lines 7-15; FIG. 6, page 15, lines 11-21).

#### **VI. GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL**

Claims 1-10 and 18-25 stand rejected under 35 U.S.C. 102(e) over Hjelsvold et al. (USP 6,546,555, hereinafter Hjelsvold).

Claims 11-16 stand rejected under 35 U.S.C. 103(a) over Hjelsvold and Jain et al. (USP 6,463,444, hereinafter Jain).

Claim 17 stands rejected under 35 U.S.C. 103(a) over Hjelsvold.



Appl. No. 09/351,086  
Appeal Brief in Response  
to final Office action of 24 August 2005

Page 9 of 22

## VII. ARGUMENT

### **Claims 1-10 and 18-25 stand rejected under 35 U.S.C. 102(e) over Hjelsvold**

MPEP 2131 states:

"A claim is anticipated only if *each and every element* as set forth in the claim is found, either expressly or inherently described, in a single prior art reference." *Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). "The *identical invention* must be shown in as *complete detail* as is contained in the ... claim." *Richardson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989).

### **Claims 1-10 and 19-25**

Each of independent claims 1 and 19-25 include the element of determining an association between a first video segment including a particular feature and at least one additional information source also including that feature.

Hjelsvold fails to teach determining an association between a first video segment including a particular feature and at least one additional information source also including that feature.

Hjelsvold teaches a system for selling video information over a communications network. Hjelsvold teaches filtering existing hypervideo sequences to create a customized video sequence based on the 'price class' that a user selects. As illustrated in Hjelsvold's FIG. 1, and detailed at column 4, line 65 through column 5, line 13, a meta-data database 12 contains the AIUs (Anchorable Information Units) and hyperlinks that connect these units. That is, the database 12 contains all of the defined hyperlinks that are available for the video segments (NSS -- Narrative Sequences of Scenes) contained in the media data 11. A filtering process 18 controls a media file generator 17 to select/filter the available AIUs based on information received from a payment client 24. The selected/filtered AIUs control the access and sequencing of segments from the available media data 11. As illustrated in FIGs. 17 and 18, for example, the sequence provided to a user is dependent upon whether the user is a 'premium customer', an 'affiliated customer', or a 'standard customer'.

**Appl. No. 09/351,086**  
**Appeal Brief in Response**  
**to final Office action of 24 August 2005**

**Page 10 of 22**

Hjelsvold teaches selecting from among a set of predefined hyperlinks/associations; if an AIU does not already exist to provide a link to additional information, Hjelsvold's system does not analyze the video segment to determine an association to provide such a link. Hjelsvold teaches using existing links, and does not teach determining associations between video segments and other information sources, as specifically taught and claimed by the applicant.

Because Hjelsvold fails to teach determining an association between a first video segment including a particular feature and at least one additional information source also including that feature, the applicant respectfully maintains that the rejection of claims 1-10 and 19-25 under 35 U.S.C. 102(e) over Hjelsvold is unfounded.

#### **Claims 7-8**

As claimed in claim 7, upon which claim 8 depends, the feature is a video feature extracted from at least one frame of the video segment.

Hjelsvold fails to teach extracting a video feature from a frame.

The Office action asserts that Hjelsvold teaches extracting a video feature from a frame in FIG. 17 and at column 12, lines 1-33. The applicant respectfully disagrees with this assertion. FIG. 17 illustrates the motion of an object having an associated AIU on a display, and shows a "next frame" that will be displayed. Hjelsvold does not teach that the next frame includes a feature that is "extracted" from a frame of the sequence, as asserted in the Office action.

Because Hjelsvold fails to teach extracting a video feature from a frame, the applicant respectfully maintains that the rejection of claims 7-8 under 35 U.S.C. 102(e) over Hjelsvold is unfounded.

#### **Claims 9-10**

As claimed in claim 9, upon which claims 10-13 depend, the feature is an audio feature extracted from at least one frame of the video segment.

Hjelsvold fails to teach extracting an audio feature from a frame.

**Appl. No. 09/351,086**  
**Appeal Brief in Response**  
**to final Office action of 24 August 2006**

**Page 11 of 22**

The Office action asserts that Hjelsvold teaches extracting an audio feature from a frame at column 4, lines 51-64. The applicant respectfully disagrees with this assertion. The cited text merely recites that the media data includes audio information. Hjelsvold does not teach that any of this audio information is "extracted" from a frame of the sequence to form the feature that is used to determine an association, as asserted in the Office action.

Because Hjelsvold fails to teach extracting an audio feature from a frame, the applicant respectfully maintains that the rejection of claims 9-10 under 35 U.S.C. 102(e) over Hjelsvold is unfounded.

#### **Claim 10**

As claimed in dependent claim 10, the method includes combining an audio signal corresponding to the audio feature with an audio signal associated with the first video segment.

Hjelsvold does not teach combining audio signals. Hjelsvold teaches that the frames identified by the AIUs are rendered sequentially, and does not teach mixing or merging the audio among the selected segments.

Because Hjelsvold fails to teach combining an audio signal corresponding to the audio feature with an audio signal associated with the first video segment, the applicant respectfully maintains that the rejection of claim 10 under 35 U.S.C. 102(e) over Hjelsvold is unfounded.

#### **Claim 18**

Claim 18 claims an apparatus that includes a processor that directs the display of information from an additional information source based at least in part on a selection by a user of a feature in the first video segment while the video segment is displayed to the user.

Hjelsvold fails to teach controlling a display based on a selection by a user of the feature in the first video segment while the video segment is displayed to the user. The Office action asserts that FIGs. 16-18 and the associated text teach the

**Appl. No. 09/351,086**  
**Appeal Brief in Response**  
**to final Office action of 24 August 2005**

**Page 12 of 22**

selection of a feature in the displayed video segment. The applicant respectfully disagrees with this assertion, and note that the cited text does not address the selection of a feature in the displayed video.

Because Hjelsvold fails to teach selection by a user of a feature in the first video segment while the video segment is displayed to the user, the applicant respectfully maintains that the rejection of claim 18 under 35 U.S.C. 102(e) over Hjelsvold is unfounded.

**Claims 11-16 stand rejected under 35 U.S.C. 103(a) over Hjelsvold and Jain**

**MPEP 2142 states:**

"To establish a *prima facie* case of obviousness ... the prior art reference (or references when combined) *must teach or suggest all the claim limitations*... If the examiner does not produce a *prima facie* case, the applicant is under no obligation to submit evidence of nonobviousness."

**Claims 11-16**

Each of claims 11-16 is dependent upon claim 1, which includes the limitation of determining an association between a first video segment including a particular feature and at least one additional information source also including that feature. The Office action relies upon Hjelsvold for teaching all of the elements of claim 1.

As detailed above, Hjelsvold fails to teach determining an association between a first video segment including a particular feature and at least one additional information source also including that feature.

Because Hjelsvold fails to teach determining an association between a first video segment including a particular feature and at least one additional information source also including that feature, the applicant respectfully maintains that the rejection of claims 11-16 under 35 U.S.C. 103(a), which relies upon Hjelsvold for this teaching, is unfounded, per MPEP 2142.

**Appl. No. 09/351,086  
Appeal Brief in Response  
to final Office action of 24 August 2005**

**Page 13 of 22**

### **Claims 14-15**

As claimed in dependent claim 14, upon which claim 15 depends, the feature is a textual feature extracted from at least one frame of the video segment.

Hjelsvold and Jain fail to teach or suggest extracting a textual feature from a frame of the video segment.

The Office action asserts that Hjelsvold teaches that the feature is a textual feature that is extracted from the video frame, but provides no basis for this assertion.

Because Hjelsvold fails to teach a textual feature extracted from at least one frame of the video segment, the applicant respectfully maintains that the rejection of claims 14-15 under 35 U.S.C. 103(a), which relies upon Hjelsvold for this teaching, is unfounded, per MPEP 2142.

### **Claim 16**

As claimed in claim 16, the method includes determining the association based at least in part on at least one multi-dimensional feature vector extracted from a portion of the video segment using a feature extraction technique.

Hjelsvold and Jain fail to teach or suggest determining an association based at least in part on at least one multi-dimensional feature vector extracted from a portion of the video segment using a feature extraction technique.

The Office action asserts that Hjelsvold provides this teaching at FIG. 14 and column 12, lines 20-46. The applicant respectfully disagrees with this assertion. FIG. 14 illustrates a streaming server providing a video stream to a client. Column 12, lines 20-46 detail how a merchant selects promotion material to be added to the streamed video. Neither of these cited references address feature extraction from a portion of the video segment.

Because Hjelsvold fails to teach determining an association based at least in part on at least one multi-dimensional feature vector extracted from a portion of the video segment using a feature extraction technique, the applicant respectfully maintains that the rejection of claim 16 under 35 U.S.C. 103(a), which relies upon Hjelsvold for this teaching, is unfounded, per MPEP 2142.

**Appl. No. 09/351,086  
Appeal Brief in Response  
to final Office action of 24 August 2005**

**Page 14 of 22**

**Claim 17 stands rejected under 35 U.S.C. 103(a) over Hjelsvold**

**Claim 17**

Claim 17 is dependent upon claim 1, which includes the limitation of determining an association between a first video segment including a particular feature and at least one additional information source also including that feature.

As detailed above, Hjelsvold fails to teach determining an association between a first video segment including a particular feature and at least one additional information source also including that feature.

Because Hjelsvold fails to teach determining an association between a first video segment including a particular feature and at least one additional information source also including that feature, the applicant respectfully maintains that the rejection of claim 17 under 35 U.S.C. 103(a) over Hjelsvold is unfounded, per MPEP 2142.

**CONCLUSIONS**

Because Hjelsvold fails to teach determining an association between a first video segment including a particular feature and at least one additional information source also including that feature, the applicant respectfully requests that the Examiner's rejection of claims 1-10 and 19-25 under 35 U.S.C. 102(e), and claims 11-17 under 35 U.S.C. 103(a) be reversed by the Board, and the claims be allowed to pass to issue.

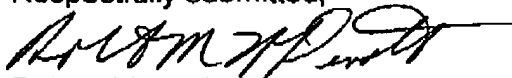
Because Hjelsvold fails to teach selection by a user of a feature in the first video segment while the video segment is displayed to the user, the applicant respectfully requests that the Examiner's rejection of claim 18 under 35 U.S.C. 102(e) be reversed by the Board, and the claims be allowed to pass to issue.

**Appl. No. 09/351,086  
Appeal Brief in Response  
to final Office action of 24 August 2005**

**Page 15 of 22**

In the alternative, because Hjelsvold also fails to teach the additional limitations of claims 7-10 and 14-16, as detailed above, the applicant respectfully requests that the Examiner's rejection of each of these claims be reversed by the Board, and the claims be allowed to pass to issue.

Respectfully submitted,



Robert M. McDermott, Attorney  
Registration Number 41,508  
804-493-0707

**Appl. No. 09/351,086  
Appeal Brief in Response  
to final Office action of 24 August 2005**

**Page 16 of 22**

### **CLAIMS APPENDIX**

1. A method for processing video, the method comprising:
  - determining an association between a first video segment including a particular feature and at least one additional information source also including that feature; and
  - utilizing the association to display information from the additional information source based at least in part on a selection by a user of the feature in the first video segment while the video segment is displayed to the user.
2. The method of claim 1 wherein
  - determining the association further includes
  - retrieving the association from a memory.
3. The method of claim 1 wherein
  - determining the association further includes
  - determining the association from information in a portion of the video segment.
4. The method of claim 1 wherein
  - the additional information source comprises
  - an additional video segment also including the feature.
5. The method of claim 4 wherein
  - utilizing the association includes
  - switching from display of the first video segment to display of the additional video segment also including the feature.



**Appl. No. 09/351,086  
Appeal Brief In Response  
to final Office action of 24 August 2005**

**Page 17 of 22**

6. The method of claim 4 wherein  
utilizing the association includes  
displaying the additional video segment at least in part in a separate  
portion of a display which also includes at least a portion of the first video segment.
7. The method of claim 1 wherein  
the feature is a video feature extracted from at least one frame of the video  
segment.
8. The method of claim 7 wherein  
the video feature comprises at least one of  
a frame characterization,  
a face identification,  
a scene identification,  
an event identification, and  
an object identification.
9. The method of claim 1 wherein  
the feature is an audio feature extracted from at least one frame of the video  
segment.
10. The method of claim 9 wherein  
utilizing the association includes  
combining an audio signal corresponding to the audio feature with an  
audio signal associated with the first video segment.
11. The method of claim 9 wherein  
utilizing the association includes  
converting an audio signal corresponding to the audio feature into a  
textual format which is displayed with the first video segment.

**Appl. No. 09/351,086  
Appeal Brief in Response  
to final Office action of 24 August 2005**

**Page 18 of 22**

12. The method of claim 9 further including  
separating at least a portion of the video segment into audio categories  
including one or more of  
single-voice speech,  
multiple-voice speech, music,  
silence and  
noise  
in order to extract the audio feature therefrom.
13. The method of claim 9 wherein  
the audio feature comprises at least one of  
a music signature extraction,  
a speaker identification, and  
a transcript extraction.
14. The method of claim 1 wherein  
the feature is a textual feature extracted from at least one frame of the video  
segment.
15. The method of claim 14 wherein  
utilizing the association includes  
displaying information corresponding to the textual information as an  
overlay on a display of the first video segment.
16. The method of claim 1 wherein  
determining the association further includes  
determining the association based at least in part on at least one multi-  
dimensional feature vector extracted from a portion of the video segment using a  
feature extraction technique.

**Appl. No. 09/351,086  
Appeal Brief in Response  
to final Office action of 24 August 2006**

**Page 19 of 22**

17. The method of claim 1 wherein
- determining the association further includes
    - determining the association based at least in part on at least one of a similarity measure and a clustering technique.
18. An apparatus for processing video, the apparatus comprising:
- a memory for storing an association between a first video segment including a particular feature and at least one additional information source also including that feature; and
  - a processor coupled to the memory and operative to utilize the association to direct the display of information from the additional information source based at least in part on a selection by a user of the feature in the first video segment while the video segment is displayed to the user.
19. An apparatus for processing video, the apparatus comprising:
- a processor operative
    - (i) to determine an association between a first video segment including a particular feature and at least one additional information source also including that feature; and
    - (ii) to utilize the association to display information from the additional information source based at least in part on a selection by a user of the feature in the first video segment while the video segment is displayed to the user.

**Appl. No. 09/351,088  
Appeal Brief in Response  
to final Office action of 24 August 2005**

**Page 20 of 22**

20. An article of manufacture comprising a machine-readable medium containing one or more software programs which when executed:

determine an association between a first video segment including a particular feature and at least one additional information source also including that feature; and  
utilize the association to display information from the additional information source based at least in part on a selection by a user of the feature in the first video segment while the video segment is displayed to the user.

21. A method for processing video, the method comprising:

determining from information in a portion of a first video segment an association between a particular feature of the first video segment and at least one additional information source also including that feature; and  
utilizing the association to enable display of information from the additional information source when the first video segment is displayed.

22. An apparatus for processing video, the apparatus comprising:

a processor operative

(i) to determine from information in a portion of a first video segment an association between a particular feature of the first video segment and at least one additional information source also including that feature; and

(ii) to utilize the association to enable display of information from the additional information source when the first video segment is displayed.

**Appl. No. 09/351,086**  
**Appeal Brief in Response**  
**to final Office action of 24 August 2005**

**Page 21 of 22**

23. An article of manufacture comprising a machine-readable medium containing one or more software programs which when executed:

determine from information in a portion of a first video segment an association between a particular feature of the first video segment and at least one additional information source also including that feature; and

utilize the association to enable display of information from the additional information source when the video segment is displayed.

24. A method for processing video, the method comprising:

determining an association between (1) a portion of a video signal, the portion including a feature, and (2) at least one other information source also including the feature; and

utilizing the association to enable display of information from the other information source based at least in part on a selection by a user of the feature in the portion of the video signal while the video segment is displayed to the user.

25. A method for processing video, the method comprising:

determining from information in a portion of a video signal an association between a feature of the video signal and at least one other information source also including that feature; and

utilizing the association to enable display of information from the other information source when the video segment is displayed.

**Appl. No. 09/351,086  
Appeal Brief In Response  
to final Office action of 24 August 2005**

**Page 22 of 22**

### **EVIDENCE APPENDIX**

No evidence has been submitted that is relied upon by the appellant in this appeal.

### **RELATED PROCEEDINGS APPENDIX**

Appellant is not aware of any co-pending appeal or interference which will directly affect or be directly affected by or have any bearing on the Board's decision in the pending appeal.